

Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	448.4	95.2	480	4	US-09-118-554-56	Sequence 56, Appl
2	448.4	95.2	480	4	US-09-118-627-56	Sequence 56, Appl
3	448.4	95.2	480	4	US-09-603-877A-56	Sequence 56, Appl
4	448.4	95.2	497	4	US-09-247-155-41	Sequence 41, Appl
5	448.4	95.2	578	4	US-09-603-877A-95	Sequence 95, Appl
6	443	94.1	471	3	US-09-996-243-393	Sequence 393, Appl
7	68.6	14.6	397	3	US-09-253-691-3	Sequence 3, Appl
8	65.4	13.9	477	4	US-09-135-994-1	Sequence 1, Appl
9	65.4	13.9	477	4	US-09-684-843A-1	Sequence 1, Appl
10	65	13.8	234	1	US-08-469-802B-3	Sequence 3, Appl
11	65	13.8	234	2	US-08-469-802B-3	Sequence 3, Appl
12	64.8	13.8	3376	1	US-08-267-803B-3	Sequence 3, Appl
13	64.8	13.8	3376	3	US-08-320-559-29	Sequence 29, Appl
14	64.8	13.8	3376	3	US-08-545-860D-29	Sequence 29, Appl
15	64.8	13.7	203	3	PCR-US94-04496-29	Sequence 29, Appl
16	64.6	13.7	1037	4	US-09-043-303-7	Sequence 7, Appl
17	64.6	13.7	1159	4	US-09-181-585-3	Sequence 3, Appl
18	64.6	13.7	1471	1	US-09-181-585-2	Sequence 2, Appl
19	63.4	13.5	168	1	US-08-469-802B-4	Sequence 4, Appl
20	63.4	13.5	168	2	US-08-267-803B-4	Sequence 4, Appl
21	63.4	13.5	171	1	US-08-469-802B-5	Sequence 5, Appl
22	63.4	13.5	171	2	US-08-267-803B-5	Sequence 5, Appl
23	63.4	13.5	195	1	US-08-469-802B-2	Sequence 2, Appl
24	63.4	13.5	195	2	US-08-267-803B-2	Sequence 2, Appl
25	62.8	13.3	154	1	US-08-469-802B-6	Sequence 6, Appl
26	62.8	13.3	154	2	US-08-267-803B-6	Sequence 6, Appl
27	62.2	13.2	165	3	US-09-043-303-17	Sequence 17, Appl


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; SEQ ID NO 95
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-602-877A-95

Query Match          95.2%; Score 448.4; DB 4; Length 578;
Best Local Similarity 98.5%; Pred. No. 4.4e-121;
Matches 463; Conservative 0; Mismatches 6; Indels 1; Gaps 1;

QY      1  CTTTGAAGACATTTTGTCTGTGTGCTCCCTGATCTTCAGGTCCACCCACCATGAGTTCCTTAGC 60
DB      17  CTTTGAAGACATTTTGTCTGTGTGCTCCCTGATCTTCAGGTCCACCCACCATGAGTTCCTTAGC 76
QY      61  AGTCCTGTGACTCTTGGGGAGTTTCCATCTTTCTGGTCTCTGCCAGAGATCCGACACAGC 120
DB      77  AGTCCTGTGACTCTGGGAGTTTCCATCTTTCTGGTCTCTGCCAGAGATCCGACACAGC 136
QY     121  TGTCTCAGCTGACAGCTATCCAGCTACTTGGTCTCTGCTGATGATGAAGCCCTGATGCTGA 180
DB     137  TGTCTCAGCTGACAGCTATCCAGCTACTTGGTCTCTGCTGATGATGAAGCCCTGATGCTGA 196
QY     181  AACCACTGTCTGCTCAACAACTGGGACACACTGCTGCTCTTACCACTGCACACACCGCTGC 240
DB     197  AACCACTGTCTGCTCAACAACTGGGACACACTGCTGCTCTTACCACTGCACACACCGCTGC 256
QY     241  TTCTACCACTGTCTGCTTAAAGACATTCACAGTTTTTACCCTAAATGGGTGGGGATCTCCCGAA 300
DB     257  TTCTACCACTGTCTGCTTAAAGACATTCACAGTTTTTACCCTAAATGGGTGGGGATCTCCCGAA 316
QY     301  TGGTAGAGTGTGCCCTGAGATGGAATCAGCTTTGAGCTTTCTGCAATTTGGGTCAACAATA 360
DB     317  TGGTAGAGTGTGCCCTGAGATGGAATCAGCTTTGAGCTTTCTGCAATTTGGGTCAACAATA 375
QY     361  TTGATGCTTCCCTGTGATTTTCATCAACTACTTACCTTGGCTTACGATATCCCCCTTTATCTC 420
DB     376  TTGATGCTTCCCTGTGATTTTCATCAACTACTTACCTTGGCTTACGATATCCCCCTTTATCTC 435
QY     421  TAATCACTTTTATTTTCTTCCAAATAAAAAATAACTATGAGGAGGTAACA 470
DB     436  TAATCACTTTTATTTTCTTCCAAATAAAAAATAACTATGAGGAGGTAACA 485

RESULT 6
US-09-996-243-393
; Sequence 393, Application US/09996243
; Patent No. 647825
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Boistein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

```

	/	TITLE OF INVENTION:	Acids Encoding the Same
	/	FILE REFERENCE:	P2730P1C13
	/	CURRENT APPLICATION NUMBER:	US/09/996,243
	/	CURRENT FILING DATE:	2001-11-14
	/	PRIOR APPLICATION NUMBER:	60/049787
	/	PRIOR FILING DATE:	1997-06-16
	/	PRIOR APPLICATION NUMBER:	60/062250
	/	PRIOR FILING DATE:	1997-10-17
	/	PRIOR APPLICATION NUMBER:	60/065186
	/	PRIOR FILING DATE:	1997-11-12
	/	PRIOR APPLICATION NUMBER:	60/065311
	/	PRIOR FILING DATE:	1997-11-13
	/	PRIOR APPLICATION NUMBER:	60/066770
	/	PRIOR FILING DATE:	1997-11-24
	/	PRIOR APPLICATION NUMBER:	60/075945
	/	PRIOR FILING DATE:	1998-02-25
	/	PRIOR APPLICATION NUMBER:	60/078910
	/	PRIOR FILING DATE:	1998-03-20
	/	PRIOR APPLICATION NUMBER:	60/083322
	/	PRIOR FILING DATE:	1998-04-28
	/	PRIOR APPLICATION NUMBER:	60/084600
	/	PRIOR FILING DATE:	1998-05-07
	/	PRIOR APPLICATION NUMBER:	60/087106
	/	PRIOR FILING DATE:	1998-05-28
	/	PRIOR APPLICATION NUMBER:	60/087607
	/	PRIOR FILING DATE:	1998-06-02
	/	PRIOR APPLICATION NUMBER:	60/087609
	/	PRIOR FILING DATE:	1998-06-02
	/	PRIOR APPLICATION NUMBER:	60/087759
	/	PRIOR FILING DATE:	1998-06-02
	/	PRIOR APPLICATION NUMBER:	60/087827
	/	PRIOR FILING DATE:	1998-06-03
	/	PRIOR APPLICATION NUMBER:	60/088021
	/	PRIOR FILING DATE:	1998-06-04
	/	PRIOR APPLICATION NUMBER:	60/088025
	/	PRIOR FILING DATE:	1998-06-04
	/	PRIOR APPLICATION NUMBER:	60/088026
	/	PRIOR FILING DATE:	1998-06-04
	/	PRIOR APPLICATION NUMBER:	60/088028
	/	PRIOR FILING DATE:	1998-06-04
	/	PRIOR APPLICATION NUMBER:	60/088029
	/	PRIOR FILING DATE:	1998-06-04
	/	PRIOR APPLICATION NUMBER:	60/088030
	/	PRIOR FILING DATE:	1998-06-04
	/	PRIOR APPLICATION NUMBER:	60/088033
	/	PRIOR FILING DATE:	1998-06-04
	/	PRIOR APPLICATION NUMBER:	60/088326
	/	PRIOR FILING DATE:	1998-06-04
	/	PRIOR APPLICATION NUMBER:	60/088167
	/	PRIOR FILING DATE:	1998-06-05
	/	PRIOR APPLICATION NUMBER:	60/088202
	/	PRIOR FILING DATE:	1998-06-05
	/	PRIOR APPLICATION NUMBER:	60/088212
	/	PRIOR FILING DATE:	1998-06-05
	/	PRIOR APPLICATION NUMBER:	60/088217
	/	PRIOR FILING DATE:	1998-06-05
	/	PRIOR APPLICATION NUMBER:	60/088655
	/	PRIOR FILING DATE:	1998-06-09
	/	PRIOR APPLICATION NUMBER:	60/088734
	/	PRIOR FILING DATE:	1998-06-10
	/	PRIOR APPLICATION NUMBER:	60/088738
	/	PRIOR FILING DATE:	1998-06-10
	/	PRIOR APPLICATION NUMBER:	60/088742
	/	PRIOR FILING DATE:	1998-06-10
	/	PRIOR APPLICATION NUMBER:	60/088810
	/	PRIOR FILING DATE:	1998-06-10
	/	PRIOR APPLICATION NUMBER:	60/088824
	/	PRIOR FILING DATE:	1998-06-10
	/	PRIOR APPLICATION NUMBER:	60/088825
	/	PRIOR FILING DATE:	1998-06-10
	/	PRIOR APPLICATION NUMBER:	60/088858
	/	PRIOR FILING DATE:	1998-06-11
	/	PRIOR APPLICATION NUMBER:	60/088861

; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090696
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090862
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/090863
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: 60/091360
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091478
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091544
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/091519
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091626
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091633
; PRIOR FILING DATE: 1998-07-02
; PRIOR APPLICATION NUMBER: 60/091978
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match 94.1%; Score 443; DB 4; Length 471;
Best Local Similarity 98.7%; Pred. No. 1.5e-119;
Matches 457; Conservative 0; Mismatches 5; Indels 1; Gaps 1;

QY 8 GCATTTTGTCTGTGCTCCCTGATCTTCAGTCCACACACAGAGATTCITAGACATCTTG 67
DB 1 GCATTTTGTCTGTGCTCCCTGATCTTCAGTCCACACACAGATTCITAGACATCTTG 60
QY 68 GTACTCTTGGAGTTTCCATCTTCTGGTCTCTGCCAGATCCGACACAGCTGTCCA 127
DB 61 GTACTCTTGGAGTTTCCATCTTCTGGTCTCTGCCAGATCCGACACAGCTGTCCA 120
QY 128 GCTGACATATCCAGTACTGCTGCTGTGATGATGAAGCCCTGTGATGATGAAGCCACT 187
DB 121 GCTGACATATCCAGTACTGCTGCTGTGATGATGAAGCCCTGTGATGATGAAGCCACT 180
QY 188 GCTGCTGACACACTGGCCACTGCTGCTTACACTGCAACACCCGCTGCTTACC 247
DB 181 GCTGCTGACACACTGGCCACTGCTGCTTACACTGCAACACCCGCTGCTTACC 240
QY 248 ACTGCTGCTAAAGACATCCAGTTTACCCAAATGGTTGGGATCTCCCGAATGCTAGA 307
DB 241 ACTGCTGCTAAAGACATCCAGTTTACCCAAATGGTTGGGATCTCCCGAATGCTAGA 300
QY 308 GTGTGCTCCTGAGATGATCAGCTTGAGTCTCTGCAATGGGTGACAACTATTCATGC 367
DB 301 GTGTGCTCCTGAGATGATCAGCTTGAGTCTCTGCAATGGGTGACAACTATTCATGC 359
QY 368 TTCTCTGTATTTCAACCACTACTACTGCTGCTAGATATCCCTTTATCTCTAATACAG 427
DB 360 TTCTCTGTATTTCAACCACTACTACTGCTGCTAGATATCCCTTTATCTCTAATACAG 419
QY 428 TTATTTTCTTTCAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 470
DB 420 TTATTTTCTTTCAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA 462

RESULT 7

US-09-253-691-3/c
; Sequence 3, Application US/09253691
; Patent No. 6124100
; GENERAL INFORMATION:
; APPLICANT: Dong Kyu JIN
; TITLE OF INVENTION: Diagnostic Method and Kit for Neuropsychiatric Diseases
; FILE REFERENCE: 1942/36

; CURRENT APPLICATION NUMBER: US/09/253,691
; CURRENT FILING DATE: 1999-02-22
; EARLIER APPLICATION NUMBER: KR 98-6,278
; EARLIER FILING DATE: 1996-02-26
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: WordPerfect 6.1/Windows
; SEQ ID NO 3
; LENGTH: 397
; TYPE: DNA
; ORGANISM: human
US-09-253-691-3

Query Match 14.6%; Score 68.6; DB 3; Length 397;
Best Local Similarity 61.5%; Pred. No. 1.3e-10;
Matches 110; Conservative 0; Mismatches 69; Indels 0; Gaps 0;

QY 75 TGGAGTTTCCATCTTCTGCTCTGCCAGAAATCCGACAAACAGCTCCAGCTGACA 134
DB 397 TGGCCTTTCACATGATGATGACTCTGTGCTATAGTCCCGCTGCTGCTGCTGCTG 338
QY 135 CGTATCCAGCTACTGGTCTCTGATGATGAAGCCCTGATGCTGAACCACTGCTGCTG 194
DB 337 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 278
QY 195 CACAACTGCGACACACTGCTGCTTACACTGCAACACACCGCTGCTTACCACTGCT 253
DB 277 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 219

RESULT 8

US-09-135-994-1/c
; Sequence 1, Application US/09135994A
; Patent No. 6280938
; GENERAL INFORMATION:
; APPLICANT: Rarum et al.
; TITLE OF INVENTION: SCA7 GENE AND METHODS OF USE
; FILE REFERENCE: University of Minnesota
; CURRENT APPLICATION NUMBER: US/09/135,994A
; CURRENT FILING DATE: 1998-08-18
; EARLIER APPLICATION NUMBER: 60/056,170
; EARLIER FILING DATE: 1997-08-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 477
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-135-994-1

Query Match 13.9%; Score 65.4; DB 3; Length 477;
Best Local Similarity 63.9%; Pred. No. 1.2e-09;
Matches 99; Conservative 0; Mismatches 56; Indels 0; Gaps 0;

QY 99 CTCGCCAGAAATCCGACAAACAGCTGCTCCAGCTGCAACCTATCCAGCTACTGCTGCTG 158
DB 300 CTCGCCAGAGCGGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 241
QY 159 ATGATGAAGCCCTGATGCTGGAACCACTGCTGCTGCAACCACTGCTGCTGCTGCTG 218
DB 240 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 181
QY 219 CTACCACTGCAACCACTGCTGCTTACCACTGCT 253
DB 180 CTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 146

RESULT 9

US-09-684-843A-1/c
; Sequence 1, Application US/09684843A
; Patent No. 6514755
; GENERAL INFORMATION:
; APPLICANT: Rarum et al.
; TITLE OF INVENTION: SCA7 GENE AND METHODS OF USE

FILE REFERENCE: Regents of the University of Minnesota
CURRENT APPLICATION NUMBER: US/09/684,843A
CURRENT FILING DATE: 2000-10-06
PRIOR APPLICATION NUMBER: 60/056,170
PRIOR FILING DATE: 1997-08-19
PRIOR APPLICATION NUMBER: 09/135,994
PRIOR FILING DATE: 1998-08-18
NUMBER OF SEQ. ID NOS: 14
SOFTWARE: PatentIn Ver. 2.0
SEQ. ID NO. 1
LENGTH: 477
TYPE: DNA
ORGANISM: Homo sapiens
US-09-684-843A-1

Query Match 13.9%; Score 65.4; DB 4; Length 477;
Best Local Similarity 63.3%; Pred. No. 1.2e-09;
Matches 99; Conservative 0; Mismatches 56; Indels 0; Gaps 0;
QY 99 CTGCCAGATCCGACACAGCTGCTCCAGCTGACAGCTATCCAGCTACTGCTGCTGCTG 158
DB 300 CTGCCAGAGGGGGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 241
QY 159 ATGATGAGAGCCCTGATGCTGAACCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 218
DB 240 CTG 181
QY 219 CTACCACTGCAACACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 253
DB 180 CTG 146

RESULT 10
US-08-469-802B-3/c
Sequence 3, Application US/08469802B
Patent No. 5741645
GENERAL INFORMATION:
APPLICANT: Orr, Harry T.
APPLICANT: Ranum, Laura P.W.
APPLICANT: Chung, Ming-yi
APPLICANT: Zoghbi, Huda Y.
TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia
Patent No. 5741645
TITLE OF INVENTION: Type 1 and Method for Diagnosis
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.
STREET: 119 No. 5741645th Fourth Street, Suite 203
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,802B
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mueeting, Ann M.
REGISTRATION NUMBER: 33,977
REFERENCE/DOCKET NUMBER: 110.00030101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1217
TELEFAX: 612-305-1225
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 234 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-469-802B-3
Query Match 13.8%; Score 65; DB 1; Length 234;
Best Local Similarity 58.5%; Pred. No. 1.1e-09;
Matches 113; Conservative 0; Mismatches 80; Indels 0; Gaps 0;
QY 61 AGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 120
DB 230 AGCCCGGAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 171
QY 121 TGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 180
DB 170 TGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 111
QY 181 AACCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 240
DB 110 TGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 51
QY 241 TTCTACCACTGCT 253
DB 50 TGTCTGCTGCTGCT 38

RESULT 11
US-08-267-803B-3/c
Sequence 3, Application US/08267803B
Patent No. 5834183
GENERAL INFORMATION:
APPLICANT: Orr, Harry T.
APPLICANT: Ranum, Laura P.W.
APPLICANT: Chung, Ming-yi
APPLICANT: Zoghbi, Huda Y.
TITLE OF INVENTION: Gene Sequence for Spinocerebellar Ataxia
Patent No. 5834183
TITLE OF INVENTION: Type 1 and Method for Diagnosis
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Mueeting, Raasch, Gebhardt & Schwappach, P.A.
STREET: P.O. Box 581415
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55458-1415
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/267,803B
FILING DATE: 28-JUN-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: McCoimack, Myra H.
REGISTRATION NUMBER: 36,602
REFERENCE/DOCKET NUMBER: 110.00030120
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1217
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 234 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-267-803B-3

Query Match 13.8%; Score 65; DB 2; Length 234;
Best Local Similarity 58.5%; Pred. No. 1.1e-09;
Matches 113; Conservative 0; Mismatches 80; Indels 0; Gaps 0;

FILING DATE: 27-MAY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/805,093
FILING DATE: 11-DEC-1991
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca Esq., Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1262
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 3376 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 196..1902
US-08-545-860D-29

Query Match 13.8%; Score 64.8; DB 3; Length 3376;
Best Local Similarity 57.4%; Pred. No. 4.5e-09;
Matches 117; Conservative 0; Mismatches 87; Indels 0; Gaps 0;
QY 43 CACCATGAGTTCTTAGCAGTCTCTGGTACTCTTGGGAGTTTCACTTTCTGGTCTGTC 102
DB 844 CACTTTATGTTCTCTGGAGTCTTTAGAGGTTTTCCTTGTCTCTCAATTAATTTGT 785
QY 103 CCAGATCCGACACAGCTGCTCCAGCTGACACCTATCCAGCTACTGCTGCTGCTGCTG 162
DB 784 GAGGCTTGAAACACTGGTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 725
QY 163 TGAAGCCCTGATGCTGAACACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 222
DB 724 TGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 665
QY 223 CACTGCACACCGCTGCTCTAC 246
DB 664 TACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 641

RESULT 14
PCT-US94-04496-29/c
Sequence 29, Application PC/TUS9404496
GENERAL INFORMATION:
APPLICANT: Croce, Carlo
APPLICANT: Canaan, Eli
TITLE OF INVENTION: Diagnostics, Therapeutics and Methods
TITLE OF INVENTION: for Detection and Treatment of Acute Leukemias
TITLE OF INVENTION: Resulting from Chromosome Abnormalities in the All-1
NUMBER OF SEQUENCES: 86
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz &
ADDRESSEE: Norris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/04496
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: DeLuca Esq., Mark

REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-1242
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 3376 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 196..1902
PCT-US94-04496-29

Query Match 13.8%; Score 64.8; DB 5; Length 3376;
Best Local Similarity 57.4%; Pred. No. 4.5e-09;
Matches 117; Conservative 0; Mismatches 87; Indels 0; Gaps 0;
QY 43 CACCATGAGTTCTTAGCAGTCTCTGGTACTCTTGGGAGTTTCACTTTCTGGTCTGTC 102
DB 844 CACTTTATGTTCTCTGGAGTCTTTAGAGGTTTTCCTTGTCTCTCAATTAATTTGT 785
QY 103 CCAGATCCGACACAGCTGCTCCAGCTGACACCTATCCAGCTACTGCTGCTGCTGCTG 162
DB 784 GAGGCTTGAAACACTGGTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 725
QY 163 TGAAGCCCTGATGCTGAACACACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 222
DB 724 TGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 665
QY 223 CACTGCACACCGCTGCTCTAC 246
DB 664 TACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 641

RESULT 15
US-09-043-303-7/c
Sequence 7, Application US/09043303
Patent No. 6251589
GENERAL INFORMATION:
APPLICANT: TSUJI, Sho-ji
APPLICANT: SANPEI, Kazuhiro
TITLE OF INVENTION: Method for Diagnosing Spinocerebellar Ataxia Type 2 and
TITLE OF INVENTION: Primers Therefor
FILE REFERENCE: 0760-0241P
CURRENT APPLICATION NUMBER: US/09/043,303
EARLIER FILING DATE: 1998-05-18
EARLIER APPLICATION NUMBER: PCT/JP96/01999
EARLIER FILING DATE: 1996-07-18
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 7
LENGTH: 203
TYPE: DNA
ORGANISM: p-2093 plasmid
US-09-043-303-7

Query Match 13.7%; Score 64.6; DB 3; Length 203;
Best Local Similarity 59.6%; Pred. No. 1.3e-09;
Matches 109; Conservative 0; Mismatches 74; Indels 0; Gaps 0;
QY 89 TTCTGTGCTCTGCCAGAAATCCGACACAGCTGCTCCAGCTGACACAGTATCCAGTACT 148
DB 193 TTCCGTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 134
QY 149 GGTCTGCTGATGATGAAGCCCTGATGCTGAACACACTGCTGCTGCTGCTGCTGCTGCTG 208
DB 133 GCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 74
QY 209 ACTGCTGCTCTACCACTGCAACACCACCGCTGCTTCTACCACTGCTCGTAAAGACATTC 268

;; PRIOR APPLICATION NUMBER: US 60/041,281
;; PRIOR FILING DATE: 1997-03-21
;; PRIOR APPLICATION NUMBER: US 60/048,094
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,350
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,188
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,135
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/050,937
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,187
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,099
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,352
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,186
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,069
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,095
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,131
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,096
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,355
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,160
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,351
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/048,154
;; PRIOR FILING DATE: 1997-05-30
;; PRIOR APPLICATION NUMBER: US 60/054,804
;; PRIOR FILING DATE: 1997-08-05
;; PRIOR APPLICATION NUMBER: US 60/056,370
;; PRIOR FILING DATE: 1997-08-19
;; PRIOR APPLICATION NUMBER: US 60/060,862
;; PRIOR FILING DATE: 1997-10-02
;; NUMBER OF SEQ ID NOS: 343
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 103
;; LENGTH: 489
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-984-245-103

Query Match 95.28; Score 448.4; DB 10; Length 489;
Best Local Similarity 98.5%; Pred. No. 1.5e-124;
Matches 463; Conservative 0; Mismatches 6; Indels 1; Gaps 1;
QY 1 CTTTGAAGCATTTTGTCTGCTCCCTGATCTTCAGTCCACCATGAGTTCTTACG 60
DB |||||||
DB 12 CTTTGAAGCATTTTGTCTGCTCCCTGATCTTCAGTCCACCATGAGTTCTTACG 71
QY 61 APTCTGTACTCTTGGAGTTTCCATCTTTCTGCTCTGCCAGAAATCCGACACAGC 120
DB |||||||
DB 72 APTCTGTACTCTTGGAGTTTCCATCTTTCTGCTCTGCCAGAAATCCGACACAGC 131
QY 121 TGCTCAGCTGACAGTATCCAGTACTGGTCTCTGATGATGAAGCCCTGTGCTGA 180
DB |||||||
DB 132 TGCTCAGCTGACAGTATCCAGTACTGGTCTCTGATGATGAAGCCCTGTGCTGA 191
QY 181 AACCACTGCTGTGACAACTCGACCACTGCTCTCTTACCACTCAACACCGCTGC 240
DB |||||||
DB 192 AACCACTGCTGTGACAACTCGACCACTGCTCTCTTACCACTCAACACCGCTGC 251
QY 241 TTCTACCACTGCTGTGAAACATTCAGTTTACCCAAATGGGTGGGATCTCCGAA 300
DB |||||||
DB 252 TTCTACCACTGCTGTGAAACATTCAGTTTACCCAAATGGGTGGGATCTCCGAA 311

QY 301 TGGTAGAGTGTCTCCCTGAGATGAATCAGCTGAGTGTCTTGTCAATGGGTCAACA 360
DB |||||||
DB 312 TGGTAGAGTGTCTCCCTGAGATGAATCAGCTGAGTGTCTTGTCAATGGGTCAACA 370
QY 361 TTCATGCTTCTCTGATTTTCATCCAACTACTTACCTTGCCTGAGATATCCCTTTATCTC 420
DB |||||||
DB 371 TTCATGCTTCTCTGATTTTCATCCAACTACTTACCTTGCCTGAGATATCCCTTTATCTC 430
QY 421 TATCAGTTTATTTTCTTCAAAATAAAATAAATTAACCTATGAGCGAGCTAAACA 470
DB |||||||
DB 431 TATCAGTTTATTTTCTTCAAAATAAAATAAATTAACCTATGAGCGACACAAAAA 480

RESULT 4
US-09-966-262-44
; Sequence 44, Application US/09966262
; Publication No. US20030050461A1
; GENERAL INFORMATION:
; APPLICANT: Young et al.
; TITLE OF INVENTION: 87 Human Secreted Proteins
; FILE REFERENCE: P2004P1
; CURRENT APPLICATION NUMBER: US/09/966,262
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: US 09/154,707
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: PCT/US98/05311
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: US 60/041,277
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 60/042,344
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 60/041,276
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 60/041,281
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 60/048,094
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,350
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,188
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,135
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/050,937
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,187
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,099
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,352
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,186
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,069
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,095
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,131
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,096
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,355
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,160
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,351
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/048,154
; PRIOR FILING DATE: 1997-05-30
; PRIOR APPLICATION NUMBER: US 60/054,804
; PRIOR FILING DATE: 1997-08-05
; PRIOR APPLICATION NUMBER: US 60/056,370

RESULT 5
US-09-966-262-103
; Sequence 103, Application US/09966262
; Publication No. US20030050461a1
; GENERAL INFORMATION:
; APPLICANT: young et al.
; TITLE OF INVENTION: 87 Human Secreted Proteins
; FILE REFERENCE: PZ004P1
; CURRENT APPLICATION NUMBER: US/09/966,262
; CURRENT FILING DATE: 2001-10-01
; PRIOR APPLICATION NUMBER: US 09/154,707
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: PCR/US98/05311
; PRIOR FILING DATE: 1998-03-19
; PRIOR APPLICATION NUMBER: US 60/041,277
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 60/042,344
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 60/041,276
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 60/041,281
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 60/048,094
; PRIOR FILING DATE: 1997-03-30
; PRIOR APPLICATION NUMBER: US 60/048,350

; CONSENT FILING DATE: 2002-03-13
 ; PRIOR APPLICATION NUMBER: 09/154,707
 ; PRIOR FILING DATE: 1998-09-17

; NUMBER OF SEQ ID NOS: 343
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 103
; LENGTH: 489
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-143-090-103

Query Match 95.2%; Score 448.4; DB 14; Length 489;
Best Local Similarity 98.5%; Pred. No. 1.5e-124;
Matches 463; Conservative 0; Mismatches 6; Indels 1; Gaps 1;

QY 1 CTTTGAAGCAATTTTCTGCTGCTCCCTGATCTTCAGGTCACCAACCAAGAGTTCTTAGC 60
|||||
Db 12 CTTTGAAGCAATTTTCTGCTGCTCCCTGATCTTCAGGTCACCAACCAAGAGTTCTTAGC 71
|||||
QY 61 AGTCCTGGTACTCTTGGGAGTTTCCATCTTCTGGTCTCTGCCAGAAATCCGACACAGC 120
|||||
Db 72 AGTCCTGGTACTCTTGGGAGTTTCCATCTTCTGGTCTCTGCCAGAAATCCGACACAGC 131
|||||
QY 121 TGCCTCAGCTGACACGATFCCAGCTACTGCTGCTGATGATGATGATGATGATGATGATG 180
|||||
Db 132 TGCCTCAGCTGACACGATFCCAGCTACTGCTGCTGATGATGATGATGATGATGATGATG 191
|||||
QY 181 AACCACATGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 240
|||||
Db 192 AACCACATGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 251
|||||
QY 241 TTCTACCACTGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 300
|||||
Db 252 TTCTACCACTGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 311
|||||
QY 301 TGGTAGAGTGTGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 360
|||||
Db 312 TGGTAGAGTGTGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 370
|||||
QY 361 TTATGCTTCTGCTGATTTTCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420
|||||
Db 371 TTATGCTTCTGCTGATTTTCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 430
|||||
QY 421 TAATCAGTTTATTTTCTTCAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATA 470
|||||
Db 431 TAATCAGTTTATTTTCTTCAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATA 480
|||||

RESULT 10
US-09-975-502A-7
; Sequence 7, Application US/09975502A
; Publication No. US20030044859A1
; GENERAL INFORMATION:
; APPLICANT: Abbott Laboratories
; APPLICANT: Heuslee, Jerry G.
; APPLICANT: Friedman, Paula N.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL FOR
; TITLE OF INVENTION: DETECTING DISEASES OF THE BREAST
; FILE REFERENCE: 5972.US.P7
; CURRENT APPLICATION NUMBER: US/09/975.502A
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/467,602
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: US 09/215,818
; PRIOR FILING DATE: 1998-12-18
; PRIOR APPLICATION NUMBER: US 08/912,276
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: US 08/697,105
; PRIOR FILING DATE: 1996-08-19
; PRIOR APPLICATION NUMBER: US 08/912,149
; PRIOR FILING DATE: 1997-08-15
; PRIOR APPLICATION NUMBER: US 08/697,106
; PRIOR FILING DATE: 1996-08-19
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7

; LENGTH: 495
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-975-502A-7

Query Match 95.2%; Score 448.4; DB 11; Length 495;
Best Local Similarity 98.5%; Pred. No. 1.5e-124;
Matches 463; Conservative 0; Mismatches 6; Indels 1; Gaps 1;

QY 1 CTTTGAAGCAATTTTCTGCTGCTCCCTGATCTTCAGGTCACCAACCAAGAGTTCTTAGC 60
|||||
Db 18 CTTTGAAGCAATTTTCTGCTGCTCCCTGATCTTCAGGTCACCAACCAAGAGTTCTTAGC 77
|||||
QY 61 AGTCCTGGTACTCTTGGGAGTTTCCATCTTCTGGTCTCTGCCAGAAATCCGACACAGC 120
|||||
Db 78 AGTCCTGGTACTCTTGGGAGTTTCCATCTTCTGGTCTCTGCCAGAAATCCGACACAGC 137
|||||
QY 121 TGCCTCAGCTGACACGATFCCAGCTACTGCTGCTGATGATGATGATGATGATGATGATG 180
|||||
Db 138 TGCCTCAGCTGACACGATFCCAGCTACTGCTGCTGATGATGATGATGATGATGATGATG 197
|||||
QY 181 AACCACATGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 240
|||||
Db 198 AACCACATGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 257
|||||
QY 241 TTCTACCACTGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 300
|||||
Db 258 TTCTACCACTGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 317
|||||
QY 301 TGGTAGAGTGTGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 360
|||||
Db 318 TGGTAGAGTGTGCTGCTGCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 376
|||||
QY 361 TTATGCTTCTGCTGATTTTCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 420
|||||
Db 377 TTATGCTTCTGCTGATTTTCAACAACTGGACACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 436
|||||
QY 421 TAATCAGTTTATTTTCTTCAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATA 470
|||||
Db 437 TAATCAGTTTATTTTCTTCAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATA 486
|||||

RESULT 11
US-09-745-288-95
; Sequence 95, Application US/09745288
; Patent No. US20010018058A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.446D1
; CURRENT APPLICATION NUMBER: US/09/745.288
; CURRENT FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 95
; LENGTH: 578
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-745-288-95

Query Match 95.2%; Score 448.4; DB 9; Length 578;
Best Local Similarity 98.5%; Pred. No. 1.7e-124;
Matches 463; Conservative 0; Mismatches 6; Indels 1; Gaps 1;

QY 1 CTTTGAAGCAATTTTCTGCTGCTCCCTGATCTTCAGGTCACCAACCAAGAGTTCTTAGC 60
|||||
Db 17 CTTTGAAGCAATTTTCTGCTGCTCCCTGATCTTCAGGTCACCAACCAAGAGTTCTTAGC 76
|||||
QY 61 AGTCCTGGTACTCTTGGGAGTTTCCATCTTCTGGTCTCTGCCAGAAATCCGACACAGC 120
|||||

/	PRIOR APPLICATION NUMBER:	60/091544
/	PRIOR FILING DATE:	1998-07-01
/	PRIOR APPLICATION NUMBER:	60/091519
/	PRIOR FILING DATE:	1998-07-02
/	PRIOR APPLICATION NUMBER:	60/091626
/	PRIOR FILING DATE:	1998-07-02
/	PRIOR APPLICATION NUMBER:	60/091633
/	PRIOR FILING DATE:	1998-07-02
/	PRIOR APPLICATION NUMBER:	60/091978
/	PRIOR FILING DATE:	1998-07-07
/	PRIOR APPLICATION NUMBER:	60/091982
/	PRIOR FILING DATE:	1998-07-07
/	PRIOR APPLICATION NUMBER:	60/092182
/	PRIOR FILING DATE:	1998-07-09
Query Match 94.1%; Score 443; DB 9; Length 471;		
Best Local Similarity 98.7%; Pred. No. 6.2e-123;		
Matches 457; Conservative 0; Mismatches 5; Indels 1; Gaps 1;		
QY	8	GCATTTTGTCTGTCGCCGTGACGTCACCCAGTGAGTCTTTAGCAGTCCTG 67
Dd	1	GCATTTTGTCTGTCGCCGTGACGTCACCCAGTGAGTCTTTAGCAGTCCTG 60
QY	68	GFACTCTGGAGTTTCCATCTTTCTGGCTCGCCAGAAATCCGACACAGCTGCTCCA 127
Dd	61	GFACHCTTGGAGTTTCCATCTTTCTGGCTCGCCAGAAATCCGACACAGCTGCTCCA 120
QY	128	GCTGACAGTATCCAGCTACTGTCGTGCTGATGAAGAAGCCCTGATGCTGAAAACCAT 187
Dd	121	GCTGACAGTATCCAGCTACTGTCGTGATGATGAAGCCCTGATGCTGAAAACCAT 180
QY	188	GTCGCTGCAACAACCTGGACACACTGTCGTCCTACCCTGCAACACCGCTGCTTAC 247
Dd	181	GTCGCTGCAACAACCTGGACACACTGTCGTCCTACCCTGCAACACCGCTGCTTAC 240
QY	248	ACTGTCCTGTAAGACATTCCAGTTTTACCCAAATGGSTGGGATCTCCCGAATGGTAG 307
Dd	241	ACTGTCGTAAGACATTCCAGTTTTACCCAAATGGSTGGGATCTCCCGAATGGTAG 300
QY	308	GTGTCGCCCTGAGATGGATCAGCTTCAGTCTCTGCAATGGTGGGTACAACTATTCATGC 367
Dd	301	GTGTCGCCCTGAGATGGATCAGCTTCAGTCTCTGCAATGGTGGGTACAACTATTCATGC 359
QY	368	TTCCTGTGATTTTCATCCAACTACTTACCTTGCCTACGATATCCCCTTTATCTCTAAACAG 427
Dd	360	TTCCTGTGATTTTCATCCAACTACTTACCTTGCCTACGATATCCCCTTTATCTCTAAACAG 419
QY	428	TTTATTTTCTTTCAAATAAAAAATAACTATGACGCGAGCTAACAA 470
Dd	420	TTTATTTTCTTTCAAATAAAAAATAACTATGACGCAACATAAAAA 462

APPLICANT: Peoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Collin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2730PIC62
CURRENT FILING DATE: 2001-11-19
PRIOR APPLICATION NUMBER: 60/043787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/087607
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087827
PRIOR FILING DATE: 1998-06-03
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PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088025
PRIOR FILING DATE: 1998-06-04
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PRIOR FILING DATE: 1998-06-04
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PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088033
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PRIOR FILING DATE: 1998-06-04
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PRIOR FILING DATE: 1998-06-10
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PRIOR FILING DATE: 1998-06-10
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PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088826
PRIOR FILING DATE: 1998-06-10
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PRIOR FILING DATE: 1998-06-11
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PRIOR FILING DATE: 1998-06-12
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PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089598
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PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089600
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089653
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089801
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089908
PRIOR FILING DATE: 1998-06-18
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PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090540
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090542
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557

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OM protein - protein search, using sw model

Run on: July 31, 2003, 11:27:20 ; Search time 30 Seconds
(without alignments)
126.933 Million cell updates/sec

Title: US-09-525-361A-25
Perfect score: 458
Sequence: 1 MKFLAVLLGVSLFVLSAQ.....KDIPVLPKWGDLPNGRVCP 90

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA.*

1: /cn2.6/ptodata/1/iaa/5A-COMB.pep.*
2: /cn2.6/ptodata/1/iaa/5B-COMB.pep.*
3: /cn2.6/ptodata/1/iaa/8A-COMB.pep.*
4: /cn2.6/ptodata/1/iaa/8B-COMB.pep.*
5: /cn2.6/ptodata/1/iaa/PTUS-COMB.pep.*
6: /cn2.6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	458	100.0	90	4	US-09-247-155-86
2	458	100.0	90	4	US-09-602-877A-98
3	458	100.0	90	4	US-09-996-243-394
4	107	23.4	786	3	US-09-103-429A-3
5	107	23.4	805	3	US-09-103-429A-4
6	92.5	20.2	215	3	US-09-188-930-347
7	92.5	20.2	215	4	US-09-312-283C-347
8	92.5	20.2	237	3	US-09-188-930-145
9	92.5	20.2	237	3	US-09-188-930-338
10	92.5	20.2	237	4	US-09-312-283C-195
11	92.5	20.2	237	4	US-09-312-283C-338
12	92.5	20.2	258	4	US-09-252-991A-31620
13	92.5	20.2	442	1	US-08-363-255-4
14	92.5	20.2	442	1	US-08-363-255-11
15	91.5	20.0	178	4	US-09-252-991A-20280
16	91.5	20.0	489	2	US-08-663-566A-6
17	91.5	20.0	489	2	US-08-023-610-6
18	91.5	20.0	489	2	US-08-288-065A-6
19	91.5	20.0	489	2	US-08-382-240A-6
20	91.5	20.0	489	3	US-08-804-372A-4
21	91.5	20.0	489	5	PCT-US95-10245-6
22	89.5	19.5	941	4	US-07-757-022B-14
23	89.5	19.5	1022	4	US-07-757-022B-84
24	89.5	19.5	1038	4	US-07-757-022B-74
25	89.5	19.5	1049	4	US-07-757-022B-58
26	89.5	19.5	1140	4	US-07-757-022B-104
27	89.5	19.5	1270	4	US-07-757-022B-44

28 89.5 19.5 1311 4 US-07-757-022B-42 Sequence 42, Appl
29 89.5 19.5 1313 4 US-07-757-022B-142 Sequence 142, Appl
30 89.5 19.5 1314 4 US-07-757-022B-50 Sequence 50, Appl
31 89.5 19.5 1320 4 US-07-757-022B-46 Sequence 46, Appl
32 89.5 19.5 1320 4 US-07-757-022B-60 Sequence 60, Appl
33 89.5 19.5 1354 4 US-07-757-022B-48 Sequence 48, Appl
34 89.5 19.5 1361 4 US-07-757-022B-40 Sequence 40, Appl
35 89.5 19.5 1363 4 US-07-757-022B-52 Sequence 52, Appl
36 89.5 19.5 1404 4 US-07-757-022B-2 Sequence 2, Appl
37 89.5 19.5 1404 4 US-07-757-022B-62 Sequence 62, Appl
38 89 19.4 399 4 US-09-252-991A-22853 Sequence 22853, A
39 86.5 18.9 885 1 US-08-042-747A-8 Sequence 8, Appl
40 86.5 18.9 885 3 US-08-804-439A-23 Sequence 23, Appl
41 86.5 18.9 885 3 US-08-720-229-23 Sequence 23, Appl
42 86 18.8 208 4 US-09-252-991A-25785 Sequence 25785, A
43 85.5 18.7 155 4 US-09-252-991A-25452 Sequence 25452, A
44 84.5 18.4 161 4 US-09-252-991A-30841 Sequence 30841, A
45 83 18.1 806 1 US-08-270-076A-11 Sequence 11, Appl

ALIGNMENTS

RESULT 1
US-09-247-155-86
; Sequence 86, Application US/09247155A
; Patent No. 6312922
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, Jean-Baptiste
; APPLICANT: Duclert, Aymeric
; TITLE OF INVENTION: Bouquelaret, Lydie
; FILE REFERENCE: GENSET.021A
; CURRENT APPLICATION NUMBER: US/09/247,155A
; CURRENT FILING DATE: 1999-02-09
; EARLIER APPLICATION NUMBER: 60/074,121
; EARLIER FILING DATE: 1998-02-09
; EARLIER APPLICATION NUMBER: 60/081,563
; EARLIER FILING DATE: 1998-04-13
; EARLIER APPLICATION NUMBER: 60/096,116
; EARLIER FILING DATE: 1998-08-10
; EARLIER APPLICATION NUMBER: 60/099,273
; EARLIER FILING DATE: 1998-10-04
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: Patent.pm
; SEQ ID NO 86
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -19..-1
US-09-247-155-86

Query Match 100.0%; Score 458; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. No. 1.4e-41;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKFLAVLLGVSLFVLSAQNPPTAAPTATYPATGPADDEAPDAETTAATTAAATT 60
DB 1 MKFLAVLLGVSLFVLSAQNPPTAAPTATYPATGPADDEAPDAETTAATTAAATT 60
QY 61 ATTAASATTARKDIPVLKWKVGDLPNGRVCP 90
DB 61 ATTAASATTARKDIPVLKWKVGDLPNGRVCP 90

RESULT 2
US-09-602-877A-98
; Sequence 98, Application US/09602877A
; Patent No. 6432707
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.

```
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.446C5
; CURRENT APPLICATION NUMBER: US/09/602.877A
; CURRENT FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 98
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-602-877A-98

Query Watch      100.0%; Score 458; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. No. 1.4e-41;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKFLAVLVLGVSIFLVSAQNPTTAAADTYPATGPDADPDATTAATTAATTT 60
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Db 1 MKFLAVLVLGVSIFLVSAQNPTTAAADTYPATGPDADPDATTAATTAATTT 60
   |||||||||||||||||||||||||||||||||||||||||||||||||||

QY 61 ATTAASTARKDIPVLPKWGDLNPGRVCP 90
   |||||||||||||||||||||||||||||||||||||||||||||||||||
Db 61 ATTAASTARKDIPVLPKWGDLNPGRVCP 90
   |||||||||||||||||||||||||||||||||||||||||||||||||||

RESULT 3
US-09-996-243-394
; Sequence 394; Application US/09996243
; Patent No. 6478825
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730P1C13
; CURRENT APPLICATION NUMBER: US/09/996.243
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
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; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/084600
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; PRIOR APPLICATION NUMBER: 60/087106
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 60/087607
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087609
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087759
; PRIOR FILING DATE: 1998-06-02
; PRIOR APPLICATION NUMBER: 60/087827
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; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088025
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/088026
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; PRIOR APPLICATION NUMBER: 60/088029
; PRIOR FILING DATE: 1998-06-04
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; PRIOR FILING DATE: 1998-06-09
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; PRIOR APPLICATION NUMBER: 60/088738
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; PRIOR APPLICATION NUMBER: 60/088742
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; PRIOR APPLICATION NUMBER: 60/088810
; PRIOR FILING DATE: 1998-06-10
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; PRIOR APPLICATION NUMBER: 60/088826
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; PRIOR APPLICATION NUMBER: 60/088858
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088861
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/088876
; PRIOR FILING DATE: 1998-06-11
; PRIOR APPLICATION NUMBER: 60/089105
; PRIOR FILING DATE: 1998-06-12
; PRIOR APPLICATION NUMBER: 60/089440
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089512
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089514
; PRIOR FILING DATE: 1998-06-16
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
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7 PRIOR APPLICATION NUMBER: 60/089598
7 PRIOR FILING DATE: 1998-06-17
7 PRIOR APPLICATION NUMBER: 60/089599
7 PRIOR FILING DATE: 1998-06-17
7 PRIOR APPLICATION NUMBER: 60/089600
7 PRIOR FILING DATE: 1998-06-17
7 PRIOR APPLICATION NUMBER: 60/089653
7 PRIOR FILING DATE: 1998-06-17
7 PRIOR APPLICATION NUMBER: 60/089801
7 PRIOR FILING DATE: 1998-06-18
7 PRIOR APPLICATION NUMBER: 60/089907
7 PRIOR FILING DATE: 1998-06-18
7 PRIOR APPLICATION NUMBER: 60/089908
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7 PRIOR APPLICATION NUMBER: 60/089947
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7 PRIOR FILING DATE: 1998-06-24
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7 PRIOR FILING DATE: 1998-06-24
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7 PRIOR APPLICATION NUMBER: 60/090557
7 PRIOR FILING DATE: 1998-06-24
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7 PRIOR FILING DATE: 1998-06-25
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7 PRIOR FILING DATE: 1998-06-25
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7 PRIOR FILING DATE: 1998-06-25
7 PRIOR APPLICATION NUMBER: 60/090862
7 PRIOR FILING DATE: 1998-06-26
7 PRIOR APPLICATION NUMBER: 60/090863
7 PRIOR FILING DATE: 1998-06-26
7 PRIOR APPLICATION NUMBER: 60/091360
7 PRIOR FILING DATE: 1998-07-01
7 PRIOR APPLICATION NUMBER: 60/091478
7 PRIOR FILING DATE: 1998-07-02
7 PRIOR APPLICATION NUMBER: 60/091544
7 PRIOR FILING DATE: 1998-07-01
7 PRIOR APPLICATION NUMBER: 60/091519

7 PRIOR FILING DATE: 1998-07-02
7 PRIOR APPLICATION NUMBER: 60/091626
7 PRIOR FILING DATE: 1998-07-02
7 PRIOR APPLICATION NUMBER: 60/091633
7 PRIOR FILING DATE: 1998-07-02
7 PRIOR APPLICATION NUMBER: 60/091978
7 PRIOR FILING DATE: 1998-07-07
7 PRIOR APPLICATION NUMBER: 60/091982
7 PRIOR FILING DATE: 1998-07-07
7 PRIOR APPLICATION NUMBER: 60/092182
7 PRIOR FILING DATE: 1998-07-09

Query Match 100.0% Score 458; DB 4; Length 90;
Best Local Similarity 100.0%; Pred. NO. 1.4e-41;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKFLAVLVLLGVSIFLVSQNPNTTAPADTYPATGPDADPAETTAATTAAPT 60
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Db 1 MKFLAVLVLLGVSIFLVSQNPNTTAPADTYPATGPDADPAETTAATTAAPT 60
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QY 61 ATTAASTTARKDIPVLPKWGDLNPRVCP 90
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Db 61 ATTAASTTARKDIPVLPKWGDLNPRVCP 90
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RESULT 4
US-09-103-429A-3
; Sequence 3, Application US/09103429A
; Patent No. 6187558
; GENERAL INFORMATION:
; APPLICANT: Granados, Robert R
; APPLICANT: Wang, Ping
; TITLE OF INVENTION: A No. 6187558el Invertebrate Intestinal Mucin
; TITLE OF INVENTION: cDNA and Related Products and Methods
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brown, Pinnisi & Michaels, P.C.
; STREET: 118 No. 6187558th Tioga
; CITY: Ithaca
; STATE: NY
; COUNTRY: USA
; ZIP: 14850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/103,429A
; FILING DATE: 24-JUN-1998
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Michaels, Christopher A
; REGISTRATION NUMBER: 34,390
; REFERENCE/DOCKET NUMBER: BTI-39
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (607) 256-2000
; TELEFAX: (607) 256-3628
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 786 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Trichoplusia ni
; TISSUE TYPE: peritrophic membrane
US-09-103-429A-3

Query Match 23.4%; Score 107; DB 3; Length 786;


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US-09-188-930-347
; Sequence 347, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 347
; LENGTH: 215
; TYPE: PRT
; ORGANISM: Mouse
US-09-188-930-347

Query Match 20.2%; Score 92.5; DB 3; Length 215;
Best Local Similarity 41.4%; Pred. No. 0.02;
Matches 24; Conservative 3; Mismatches 26; Indels 5; Gaps 1;

QY 18 SAQNP-----TTAAPADRYPATGPADEAPDAETTAATAATTAAPTTAASTTAR 70
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Db 152 SASPIPESESQSQINTTPTVNTAKDTAKDTANTAVTANTTANTTAVTTAKTTAK 209

RESULT 7
US-09-312-283C-347
; Sequence 347, Application US/09312283C
; Patent No. 6573095
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murison, James G.
; APPLICANT: Kumble, Krishanand D.
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; TITLE OF INVENTION: Compositions Isolated from Skin Cells
; FILE REFERENCE: 11000.1011c2
; CURRENT APPLICATION NUMBER: US/09/312,283C
; CURRENT FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 425
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 347
; LENGTH: 215
; TYPE: PRT
; ORGANISM: Mouse
US-09-312-283C-347

Query Match 20.2%; Score 92.5; DB 4; Length 215;
Best Local Similarity 41.4%; Pred. No. 0.02;
Matches 24; Conservative 3; Mismatches 26; Indels 5; Gaps 1;

QY 18 SAQNP-----TTAAPADRYPATGPADEAPDAETTAATAATTAAPTTAASTTAR 70
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Db 152 SASPIPESESQSQINTTPTVNTAKDTAKDTANTAVTANTTANTTAVTTAKTTAK 209

RESULT 8
US-09-188-930-195
; Sequence 195, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene

```

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/ APPLICANT: Murison, James Greg
/ TITLE OF INVENTION: Compositions Isolated From Skin Cells
/ FILE OF INVENTION: and Methods For Their Use
/ FILE REFERENCE: 11000.1011c1
/ CURRENT APPLICATION NUMBER: US/09/188,930A
/ CURRENT FILING DATE: 1998-11-09
/ NUMBER OF SEQ ID NOS: 348
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 195
/ LENGTH: 237
/ TYPE: PRT
/ ORGANISM: mouse
US-09-188-930-195

Query Match      20.2%; Score 92.5; DB 3; Length 237;
Best Local Similarity 41.4%; Pred. No. 0.023;
Matches 24; Conservative 3; Mismatches 26; Indels 5; Gaps 1;

QY 18 SAQNP-----TTAAPADTYPATGPADDEAPDAETTAATAATTATTAAPTTAASTTAR 70
Db 152 SASTPIPESSETSQINTPTVNTAKTAKDTANTTAVTANTTANTTAVTAKTAK 209

RESULT 9
US-09-188-930-338
/ Sequence 338, Application US/09188930A
/ Patent No. 6150502
/ GENERAL INFORMATION:
/ APPLICANT: Watson, James D.
/ APPLICANT: Strachan, Lorna
/ APPLICANT: Sleeman, Matthew
/ APPLICANT: Onrust, Rene
/ APPLICANT: Murison, James G.
/ APPLICANT: Kumble, Krishanand D.
/ TITLE OF INVENTION: Compositions Isolated From Skin Cells
/ FILE OF INVENTION: and Methods For Their Use
/ FILE REFERENCE: 11000.1011c1
/ CURRENT APPLICATION NUMBER: US/09/188,930A
/ CURRENT FILING DATE: 1998-11-09
/ NUMBER OF SEQ ID NOS: 348
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 338
/ LENGTH: 237
/ TYPE: PRT
/ ORGANISM: Mouse
US-09-188-930-338

Query Match      20.2%; Score 92.5; DB 3; Length 237;
Best Local Similarity 41.4%; Pred. No. 0.023;
Matches 24; Conservative 3; Mismatches 26; Indels 5; Gaps 1;

QY 18 SAQNP-----TTAAPADTYPATGPADDEAPDAETTAATAATTATTAAPTTAASTTAR 70
Db 152 SASTPIPESSETSQINTPTVNTAKTAKDTANTTAVTANTTANTTAVTAKTAK 209

RESULT 10
US-09-312-283C-195
/ Sequence 195, Application US/09312283C
/ Patent No. 6573095
/ GENERAL INFORMATION:
/ APPLICANT: Watson, James D.
/ APPLICANT: Strachan, Lorna
/ APPLICANT: Sleeman, Matthew
/ APPLICANT: Onrust, Rene
/ APPLICANT: Murison, James G.
/ APPLICANT: Kumble, Krishanand D.
/ TITLE OF INVENTION: Compositions Isolated from Skin Cells
/ FILE OF INVENTION: and Methods for Their Use
/ FILE REFERENCE: 11000.1011c2
/ CURRENT APPLICATION NUMBER: US/09/312,283C
/ CURRENT FILING DATE: 1999-05-14
/ NUMBER OF SEQ ID NOS: 425
/ SOFTWARE: FastSeq for Windows Version 4.0
US-09-312-283C-195

Query Match      20.2%; Score 92.5; DB 4; Length 237;
Best Local Similarity 41.4%; Pred. No. 0.023;
Matches 24; Conservative 3; Mismatches 26; Indels 5; Gaps 1;

QY 18 SAQNP-----TTAAPADTYPATGPADDEAPDAETTAATAATTATTAAPTTAASTTAR 70
Db 152 SASTPIPESSETSQINTPTVNTAKTAKDTANTTAVTANTTANTTAVTAKTAK 209

RESULT 11
US-09-312-283C-338
/ Sequence 338, Application US/09312283C
/ Patent No. 6573095
/ GENERAL INFORMATION:
/ APPLICANT: Watson, James D.
/ APPLICANT: Strachan, Lorna
/ APPLICANT: Sleeman, Matthew
/ APPLICANT: Onrust, Rene
/ APPLICANT: Murison, James G.
/ APPLICANT: Kumble, Krishanand D.
/ TITLE OF INVENTION: Compositions Isolated from Skin Cells
/ FILE OF INVENTION: and Methods for Their Use
/ FILE REFERENCE: 11000.1011c2
/ CURRENT APPLICATION NUMBER: US/09/312,283C
/ CURRENT FILING DATE: 1999-05-14
/ NUMBER OF SEQ ID NOS: 425
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 338
/ LENGTH: 237
/ TYPE: PRT
/ ORGANISM: Mouse
US-09-312-283C-338

Query Match      20.2%; Score 92.5; DB 4; Length 237;
Best Local Similarity 41.4%; Pred. No. 0.023;
Matches 24; Conservative 3; Mismatches 26; Indels 5; Gaps 1;

QY 18 SAQNP-----TTAAPADTYPATGPADDEAPDAETTAATAATTATTAAPTTAASTTAR 70
Db 152 SASTPIPESSETSQINTPTVNTAKTAKDTANTTAVTANTTANTTAVTAKTAK 209

RESULT 12
US-09-252-991A-31620
/ Sequence 31620, Application US/09252991A
/ Patent No. 6551795
/ GENERAL INFORMATION:
/ APPLICANT: Marc J. Rubenfield et al.
/ TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
/ FILE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
/ FILE REFERENCE: 107196.136
/ CURRENT APPLICATION NUMBER: US/09/252,991A
/ CURRENT FILING DATE: 1999-02-18
/ PRIOR APPLICATION NUMBER: US 60/074,788
/ PRIOR FILING DATE: 1998-02-18
/ PRIOR APPLICATION NUMBER: US 60/094,190
/ PRIOR FILING DATE: 1998-07-27
/ NUMBER OF SEQ ID NOS: 33142
/ SEQ ID NO 31620
/ LENGTH: 258
/ TYPE: PRT
/ ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-31620

Query Match      20.2%; Score 92.5; DB 4; Length 258;
Best Local Similarity 33.8%; Pred. No. 0.025;
Matches 26; Conservative 7; Mismatches 31; Indels 13; Gaps 2;
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QY 18 SAQNPTAAP-----ADTYPATGPADDEAPDAETIAAATTAATTAAPTTAAATTA-- 68
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Db 6 SATSPSAPSARRAARTCKATWTPAHCPBPASSPVPCNCSSACTPRAATSAASTSD 65
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QY 69 -----ARKDIPVLKNG 81
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Db 66 TTASARSASTSARWAG 82
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RESULT 13
US-08-363-255-4
; Sequence 4, Application US/08363255
; Patent No. 5783386
; GENERAL INFORMATION:
; APPLICANT: JACOBS, JR., WILLIAM R.
; APPLICANT: BLOOM, BARRY R.
; APPLICANT: COLLINS, DESMOND M.
; APPLICANT: de LISLE, GEOFFREY W.
; APPLICANT: PASCOPELLA, LISA
; APPLICANT: KAWAKAMI, RIKU P.
; TITLE OF INVENTION: MYCOBACTERIA VIRULENCE FACTORS AND A
; METHOD OF INVENTION: NOVEL METHOD FOR THEIR IDENTIFICATION
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,255
; FILING DATE: 23-DEC-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MONROY, GLADYS H.
; REGISTRATION NUMBER: 32,430
; REFERENCE/DOCKET NUMBER: 25237-20002.22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 442 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-255-4
Query Match 20.2%; Score 92.5; DB 1; Length 442;
Best Local Similarity 40.4%; Pred. No. 0.049;
Matches 36; Conservative 7; Mismatches 23; Indels 23; Gaps 6;

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Db 29 AANVTSRKATAPAAPA--APATPEAAVEEAPAKKAARKTTAKKATAKTTAKKAAAK 86
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QY 67 -TTARKDIPVL-----PKWVGDLNG 86
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Db 87 KTKAKDGELEDEATEEPAATPEEG 115
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RESULT 14
US-08-363-255-11
; Sequence 11, Application US/08363255
; Patent No. 5783386

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; GENERAL INFORMATION:
; APPLICANT: JACOBS, JR., WILLIAM R.
; APPLICANT: BLOOM, BARRY R.
; APPLICANT: COLLINS, DESMOND M.
; APPLICANT: de LISLE, GEOFFREY W.
; APPLICANT: PASCOPELLA, LISA
; APPLICANT: KAWAKAMI, RIKU P.
; TITLE OF INVENTION: MYCOBACTERIA VIRULENCE FACTORS AND A
; METHOD OF INVENTION: NOVEL METHOD FOR THEIR IDENTIFICATION
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,255
; FILING DATE: 23-DEC-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MONROY, GLADYS H.
; REGISTRATION NUMBER: 32,430
; REFERENCE/DOCKET NUMBER: 25237-20002.22
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 442 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-363-255-11
Query Match 20.2%; Score 92.5; DB 1; Length 442;
Best Local Similarity 40.4%; Pred. No. 0.049;
Matches 36; Conservative 7; Mismatches 23; Indels 23; Gaps 6;

QY 19 AQNPTT-----APADTYPATGPA--DDEAPDAETIAAATTA--TTAAPTATTAAAS- 66
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Db 29 AANVTSRKATAPAAPA--APATPEAAVEEAPAKKAARKTTAKKATAKTTAKKAAAK 86
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QY 67 -TTARKDIPVL-----PKWVGDLNG 86
   ||:||||:||||:||||:||||:||||:||||:||||:||||:||||:||||:
Db 87 KTKAKDGELEDEATEEPAATPEEG 115
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RESULT 15
US-09-252-991A-20280
; Sequence 20280, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR FILING DATE: 1998-02-18
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 20280
; LENGTH: 178

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; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-20280

Query Match      20.0%; Score 91.5; DB 4; Length 178;
Best Local Similarity 42.5%; Pred. No. 0.021; 30; Indels 7; Gaps 3;
Matches 31; Conservative 5; Mismatches 5;

QY 24 TAAADTYPATGPADDEAPDAET---TAAATTATTAA---ETTAT-TAASTIARKDIPVL 76
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Db 106 SATATSTKPAATSCATGAPAPTAASYPAPAPAAATTATPAAAPKPTRSTSTIASTSAIGSPPPA 165

QY 77 PKWVGDIIPNGRVC 89
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Db 166 SATRRSIPNRRTC 178
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Search completed: July 31, 2003, 11:31:00
Job time : 32 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: July 31, 2003, 11:27:20 ; Search time 23 Seconds
(without alignments)
464.712 Million cell updates/sec

Title: US-09-525-361A-25
Perfect score: 458
Sequence: 1 MKFLAVLLGVSLVSAQNPTTAPADTYPATGPADDEAPDAETTAATTAATTAAFTT 60

Scoring table: BLOSUM62
Gapop 10.0, Gapext 0.5

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Minimum DB seq length: 0
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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA.*

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- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
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- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
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- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	458	100.0	90	9	US-09-745-288-98
2	458	100.0	90	9	US-09-825-301-31
3	458	100.0	90	9	US-09-989-722-394
4	458	100.0	90	9	US-09-989-723-394
5	458	100.0	90	9	US-09-989-729-394
6	458	100.0	90	9	US-09-989-727-394
7	458	100.0	90	10	US-09-989-731-394
8	458	100.0	90	10	US-09-989-732-394
9	458	100.0	90	10	US-09-991-073-394
10	458	100.0	90	10	US-09-990-442-394
11	458	100.0	90	10	US-09-991-163-394
12	458	100.0	90	10	US-09-993-604-394
13	458	100.0	90	10	US-09-990-456-394
14	458	100.0	90	10	US-09-989-721-394
15	458	100.0	90	10	US-09-992-598-394

16	458	100.0	90	10	US-09-984-245-154	Sequence 154, App
17	458	100.0	90	10	US-09-984-245-213	Sequence 213, App
18	458	100.0	90	10	US-09-989-293A-394	Sequence 394, App
19	458	100.0	90	10	US-09-989-735-394	Sequence 394, App
20	458	100.0	90	10	US-09-990-444-394	Sequence 394, App
21	458	100.0	90	10	US-09-991-181-394	Sequence 394, App
22	458	100.0	90	10	US-09-989-730-394	Sequence 394, App
23	458	100.0	90	10	US-09-990-436-394	Sequence 394, App
24	458	100.0	90	10	US-09-993-687-394	Sequence 394, App
25	458	100.0	90	11	US-09-989-734-394	Sequence 394, App
26	458	100.0	90	11	US-09-997-653-394	Sequence 394, App
27	458	100.0	90	11	US-09-993-667-394	Sequence 394, App
28	458	100.0	90	11	US-09-997-428-394	Sequence 394, App
29	458	100.0	90	11	US-09-997-666-394	Sequence 394, App
30	458	100.0	90	11	US-09-990-438-394	Sequence 394, App
31	458	100.0	90	11	US-09-990-562-394	Sequence 394, App
32	458	100.0	90	11	US-09-990-711-394	Sequence 394, App
33	458	100.0	90	11	US-09-989-726-394	Sequence 394, App
34	458	100.0	90	11	US-09-988-156-394	Sequence 394, App
35	458	100.0	90	11	US-09-975-502A-8	Sequence 8, Appl
36	458	100.0	90	11	US-09-990-437-394	Sequence 394, App
37	458	100.0	90	11	US-09-991-157-394	Sequence 394, App
38	458	100.0	90	11	US-09-997-514-394	Sequence 394, App
39	458	100.0	90	11	US-09-997-573-394	Sequence 394, App
40	458	100.0	90	11	US-09-991-172-394	Sequence 394, App
41	458	100.0	90	11	US-09-966-262-154	Sequence 154, App
42	458	100.0	90	11	US-09-968-262-213	Sequence 213, App
43	458	100.0	90	11	US-09-990-726-394	Sequence 394, App
44	458	100.0	90	11	US-09-997-559-394	Sequence 394, App
45	458	100.0	90	11	US-09-997-601-394	Sequence 394, App

ALIGNMENTS

RESULT 1
US-09-745-288-98
; Sequence 98, Application US/09745288
; Patent No. US20010018058A1
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, David C.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF BREAST CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.446D1
; CURRENT APPLICATION NUMBER: US/09/745,288
; CURRENT FILING DATE: 2000-12-19
; NUMBER OF SEQ ID NOS: 101
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 98
; LENGTH: 90
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-745-288-98

Query Match 100.0%; Score 458; DB 9; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MKFLAVLLGVSLVSAQNPTTAPADTYPATGPADDEAPDAETTAATTAATTAAFTT 60
|||||

Oy 61 ATTAATSTARKDIPVLPKWGDLNPGRVCP 90
|||||
Db 61 ATTAATSTARKDIPVLPKWGDLNPGRVCP 90
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RESULT 2
US-09-825-301-31
; Sequence 31, Application US/09825301
; Patent No. US20020009738A1

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/ GENERAL INFORMATION:
/ APPLICANT: Houghton, Raymond L.
/ APPLICANT: Dillon, David C.
/ APPLICANT: Molesh, David A.
/ APPLICANT: Xu, Jiangchun
/ APPLICANT: Zehentner, Barbara
/ APPLICANT: Persing, David H.
/ TITLE OF INVENTION: METHODS, COMPOSITIONS AND KITS FOR THE DETECTION
/ FILE OF INVENTION: AND MONITORING OF BREAST CANCER
/ FILE REFERENCE: 210121.513
/ CURRENT APPLICATION NUMBER: US/09/825.301
/ CURRENT FILING DATE: 2001-04-02
/ NUMBER OF SEQ ID NOS: 77
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 31
/ LENGTH: 90
/ TYPE: PRT
/ ORGANISM: Homo sapien
/ US-09-825-301-31

Query Match      100.0%; Score 458; DB 9; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      1 MKFLAVLVLLGVSIFLVSAQNPTTAAPADTYPATGPADEAPDAETTAATTAATTAAPT 60
QY      61 ATTAASTARKDIPVLPKXWGLDPLNGRVCP 90
Db      61 ATTAASTARKDIPVLPKXWGLDPLNGRVCP 90

RESULT 3
US-09-989-722-394
/ Sequence 394, Application US/09989722
/ Patent No. US20020072067A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi J.
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Collin K.
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2730PIC63
/ CURRENT APPLICATION NUMBER: US/09/989,722
/ CURRENT FILING DATE: 2001-11-19
/ PRIOR APPLICATION NUMBER: 60/0493787
/ PRIOR FILING DATE: 1997-06-16
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/065186
/ PRIOR FILING DATE: 1997-11-12
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066770
/ PRIOR FILING DATE: 1997-11-24
/ PRIOR APPLICATION NUMBER: 60/075945
/ PRIOR FILING DATE: 1998-02-25
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/083322
/ PRIOR FILING DATE: 1998-04-28
/ PRIOR APPLICATION NUMBER: 60/084600
/ PRIOR FILING DATE: 1998-05-07
/ PRIOR APPLICATION NUMBER: 60/087106
/ PRIOR FILING DATE: 1998-05-28
/ PRIOR APPLICATION NUMBER: 60/087607
/ PRIOR FILING DATE: 1998-06-02
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/ PRIOR APPLICATION NUMBER: 60/087759
/ PRIOR FILING DATE: 1998-06-02
/ PRIOR APPLICATION NUMBER: 60/087827
/ PRIOR FILING DATE: 1998-06-03
/ PRIOR APPLICATION NUMBER: 60/088021
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088025
/ PRIOR FILING DATE: 1998-06-04
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/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088028
/ PRIOR FILING DATE: 1998-06-04
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/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: 60/088167
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/088202
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/088212
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/088217
/ PRIOR FILING DATE: 1998-06-05
/ PRIOR APPLICATION NUMBER: 60/088655
/ PRIOR FILING DATE: 1998-06-09
/ PRIOR APPLICATION NUMBER: 60/088734
/ PRIOR FILING DATE: 1998-06-10
/ PRIOR APPLICATION NUMBER: 60/088738
/ PRIOR FILING DATE: 1998-06-10
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/ PRIOR FILING DATE: 1998-06-10
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/ PRIOR FILING DATE: 1998-06-10
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/ PRIOR FILING DATE: 1998-06-11
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/ PRIOR FILING DATE: 1998-06-11
/ PRIOR APPLICATION NUMBER: 60/088876
/ PRIOR FILING DATE: 1998-06-11
/ PRIOR APPLICATION NUMBER: 60/089105
/ PRIOR FILING DATE: 1998-06-12
/ PRIOR APPLICATION NUMBER: 60/089440
/ PRIOR FILING DATE: 1998-06-16
/ PRIOR APPLICATION NUMBER: 60/089512
/ PRIOR FILING DATE: 1998-06-16
/ PRIOR APPLICATION NUMBER: 60/089514

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; PRIOR FILING DATE: 1998-07-07
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; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match          100.0%; Score 458; DB 9; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0

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DB 61 ATTAASTTARKDIPVLPKWGDLPNGRVCP 90

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; Sequence 394, Application US/09989723
; Patent No. US20020072092A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivayr J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoli, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; ACIDS OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC62
; CURRENT APPLICATION NUMBER: US/09/989,723
; CURRENT FILING DATE: 2001-11-19
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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144 PRIOR APPLICATION NUMBER: 60/091478
145 PRIOR FILING DATE: 1998-07-02
146 PRIOR APPLICATION NUMBER: 60/091544


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/ PRIOR FILING DATE: 1998-07-07
/ PRIOR APPLICATION NUMBER: 60/092182
/ PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 458; DB 9; Length 90;
Best Local Similarity 100.8%; Pred. No. 2.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; Sequence 394, Application US/09989279
; Patent No. US20020072496A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC56
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Query Match 100.0%; Score 458; DB 9; Length 90;
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US-09-989-727-394
; Sequence 394, Application US/09989727
; Patent No. US20020072497A1

; GENERAL INFORMATION:

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/ APPLICANT: Ashkenazi, Avi J.
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
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/ TITLE OF INVENTION: Acids Encodin
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; PRIOR FILING DATE: 1998-07-02
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

Query Match      100.08; Score 458; DB 9; Length 90;
Best Local Similarity 100.08; Pred. No. 2.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      61 ATTAAGTARKDIPVLPKVGDLGNRVCP 90
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Db      61 ATTAAGTARKDIPVLPKVGDLGNRVCP 90
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US-09-989-731-394
; Sequence 394, Application US/09989731
; Patent No. US20020103125A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730PIC70
; CURRENT APPLICATION NUMBER: US/09/989,731
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
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Query Match      100.0%; Score 458; DB 10; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0

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Db      61 ATTAASTTARKDIPVLPKWVGDLPNGRYCP 90
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RESULT 8
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; Sequence 394, Application US/09989732
; Patent No. US20020123463A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C57
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RESULT 9
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; Patent No. US20020127576A1
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; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Griitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tomas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC15
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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 PRIOR APPLICATION NUMBER: 60/090429
 PRIOR FILING DATE: 1998-06-24
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 PRIOR FILING DATE: 1998-06-24
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 PRIOR APPLICATION NUMBER: 60/091478
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091544
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 PRIOR APPLICATION NUMBER: 60/091519
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091626
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091633
 PRIOR FILING DATE: 1998-07-02
 PRIOR APPLICATION NUMBER: 60/091978
 PRIOR FILING DATE: 1998-07-07
 PRIOR APPLICATION NUMBER: 60/091982
 PRIOR FILING DATE: 1998-07-07
 PRIOR APPLICATION NUMBER: 60/092182
 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 458; DB 10; Length 90;

Best Local Similarity 100.0%; Pred. No. 2.2e-37;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 MKFLAVLLVGLVSIFLVSAONPTTAAADTYPATGPDADDPDAETTAATAATTAAETTT 60
 Db 1 MKFLAVLLVGLVSIFLVSAONPTTAAADTYPATGPDADDPDAETTAATAATTAAETTT 60
 QY 61 ATTAASTTARKDIPVLKPKWGDLPNGRVCP 90
 Db 61 ATTAASTTARKDIPVLKPKWGDLPNGRVCP 90
 RESULT 10
 US-09-990-442-394
 Sequence 394, Application US/09990442
 Patent No. US20020132252A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi J.
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Baton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Fong, Sherman
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 APPLICANT: Zhang, Zemin
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2730PIC8
 CURRENT APPLICATION NUMBER: US/09/990,442
 CURRENT FILING DATE: 2001-11-14
 PRIOR APPLICATION NUMBER: 60/049787
 PRIOR FILING DATE: 1997-06-16
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/065186
 PRIOR FILING DATE: 1997-11-12
 PRIOR APPLICATION NUMBER: 60/065311
 PRIOR FILING DATE: 1997-11-13
 PRIOR APPLICATION NUMBER: 60/066770
 PRIOR FILING DATE: 1997-11-24
 PRIOR APPLICATION NUMBER: 60/075945
 PRIOR FILING DATE: 1998-02-25
 PRIOR APPLICATION NUMBER: 60/078910
 PRIOR FILING DATE: 1998-03-20
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 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/087106
 PRIOR FILING DATE: 1998-05-28
 PRIOR APPLICATION NUMBER: 60/087607
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087609
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087759
 PRIOR FILING DATE: 1998-06-02
 PRIOR APPLICATION NUMBER: 60/087827

Query Match	100.0%;	Score 458;	DB 10;	Length 90;
Best Local Similarity	100.0%;	Pred. No. 2.2e-37;		
Matches	90;	Conservative 0;	Mismatches 0;	Indels

Matches	90;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
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QY 1 MKFLAVLVIGSVIFLVSQNPNTAAAPADTYPATGPADEAPDAETTAATTTAAPTT 60
Db 1 MKFLAVLVIGSVIFLVSQNPNTAAAPADTYPATGPADEAPDAETTAATTTAAPTT 60
QY 61 ATTAASHTARKDIPVLPKWGDLNGRVCP 90
Db 61 ATTAASHTARKDIPVLPKWGDLNGRVCP 90

RESULT 11

US-09-991-163-394
Sequence 394. Application US/09991163
Patent No. US20020132253A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K.
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2730P1C17
CURRENT APPLICATION NUMBER: US/09/991,163
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 60/049787
PRIOR FILING DATE: 1997-06-16
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
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PRIOR FILING DATE: 1997-11-13
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PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/075945
PRIOR FILING DATE: 1998-02-25
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PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
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PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087609
PRIOR FILING DATE: 1998-06-02
PRIOR APPLICATION NUMBER: 60/087759
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PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089948
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/089952

QY 1 PRIOR FILING DATE: 1998-06-19
2 PRIOR APPLICATION NUMBER: 60/090246
3 PRIOR FILING DATE: 1998-06-22
4 PRIOR APPLICATION NUMBER: 60/090252
5 PRIOR FILING DATE: 1998-06-22
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7 PRIOR FILING DATE: 1998-06-22
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15 PRIOR FILING DATE: 1998-06-24
16 PRIOR APPLICATION NUMBER: 60/090435
17 PRIOR FILING DATE: 1998-06-24
18 PRIOR APPLICATION NUMBER: 60/090444
19 PRIOR FILING DATE: 1998-06-24
20 PRIOR APPLICATION NUMBER: 60/090445
21 PRIOR FILING DATE: 1998-06-24
22 PRIOR APPLICATION NUMBER: 60/090472
23 PRIOR FILING DATE: 1998-06-24
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27 PRIOR FILING DATE: 1998-06-24
28 PRIOR APPLICATION NUMBER: 60/090542
29 PRIOR FILING DATE: 1998-06-24
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56 PRIOR APPLICATION NUMBER: 60/091626
57 PRIOR FILING DATE: 1998-07-02
58 PRIOR APPLICATION NUMBER: 60/091633
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61 PRIOR FILING DATE: 1998-07-07
62 PRIOR APPLICATION NUMBER: 60/091982
63 PRIOR FILING DATE: 1998-07-07
64 PRIOR APPLICATION NUMBER: 60/092182
65 PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 458; DB 10; Length 90;
Best Local Similarity 100.0%; Pred. No. 2,2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MKFLAVLLVGSIFLVSQNPITTAAPADYFATGCPADDEAPDAAETTAATTAATTAAPT 60

QY 61 ATTAASTTARKDIPVLPKWGDLPNGRVCP 90
Db 61 ATTAASTTARKDIPVLPKWGDLPNGRVCP 90
RESULT 12
US-09-993-604-394
; Sequence 394, Application US/09993604
; Patent No. US20020137075A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: KJ, Javin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PLC25
; CURRENT APPLICATION NUMBER: US/09/993,604
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/075945
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; PRIOR APPLICATION NUMBER: 60/088025
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; PRIOR APPLICATION NUMBER: 60/088026

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7 PRIOR APPLICATION NUMBER: 60/089948
7 PRIOR FILING DATE: 1998-06-19
7 PRIOR APPLICATION NUMBER: 60/089952
7 PRIOR FILING DATE: 1998-06-19
7 PRIOR APPLICATION NUMBER: 60/090246
7 PRIOR FILING DATE: 1998-06-22

7 PRIOR APPLICATION NUMBER: 60/090252
7 PRIOR FILING DATE: 1998-06-22
7 PRIOR APPLICATION NUMBER: 60/090254
7 PRIOR FILING DATE: 1998-06-22
7 PRIOR APPLICATION NUMBER: 60/090349
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7 PRIOR APPLICATION NUMBER: 60/090542
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7 PRIOR APPLICATION NUMBER: 60/090577
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7 PRIOR FILING DATE: 1998-07-02
7 PRIOR APPLICATION NUMBER: 60/091633
7 PRIOR FILING DATE: 1998-07-02
7 PRIOR APPLICATION NUMBER: 60/091978
7 PRIOR FILING DATE: 1998-07-07
7 PRIOR APPLICATION NUMBER: 60/091982
7 PRIOR FILING DATE: 1998-07-07
7 PRIOR APPLICATION NUMBER: 60/092182
7 PRIOR FILING DATE: 1998-07-09

Query Match 100.0% Score 458; DB 10; Length 90;

Best Local Similarity 100.0%; Pred. No. 2.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKFLAVLLVLSYELVSAQNPTTAAADTYPATGPADDEAPDAETTTAAATTAAPT 60
Db 1 MKFLAVLLVLSYELVSAQNPTTAAADTYPATGPADDEAPDAETTTAAATTAAPT 60
QY 61 ATTAASTTARKDIPVLPKWGDLDPNGRVC 90
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DB 61 ATTAASTAKKDIPVLKWKWGLPNSRVCP 90

RESULT 13

US-09-990-456-394

; Sequence 394, Application US/09990456

; Patent No. US20020137890A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K.

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2730PIC22

; CURRENT APPLICATION NUMBER: US/09/990,456

; CURRENT FILING DATE: 2001-11-14

; PRIOR APPLICATION NUMBER: 60/049787

; PRIOR FILING DATE: 1997-06-16

; PRIOR APPLICATION NUMBER: 60/062250

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; PRIOR FILING DATE: 1998-07-09

Query Match      100.0%; Score 458; DB 10; Length 90;
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; Sequence 394, Application US/09989721
; Patent No. US20020142961A1
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; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
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; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P27301C55
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; PRIOR APPLICATION NUMBER: US/09/989,721
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Query Match 100.0%; Score 458; DB 10; Length 90;

Best Local Similarity 100.0%; Pred. No. 2.2e-37;

Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 15

US-09-992-598-394

; Sequence 394, Application US/09992598

Patent No. US20020160384A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
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TITLE OF INVENTION: Acids Encoding the Same
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29	PRIOR FILING DATE: 1998-06-25	
30	PRIOR APPLICATION NUMBER: 60/090696	
31	PRIOR FILING DATE: 1998-06-25	
32	PRIOR APPLICATION NUMBER: 60/090862	
33	PRIOR FILING DATE: 1998-06-26	
34	PRIOR APPLICATION NUMBER: 60/090863	
35	PRIOR FILING DATE: 1998-06-26	
36	PRIOR APPLICATION NUMBER: 60/091360	
37	PRIOR FILING DATE: 1998-07-01	
38	PRIOR APPLICATION NUMBER: 60/091478	
39	PRIOR FILING DATE: 1998-07-02	
40	PRIOR APPLICATION NUMBER: 60/091544	
41	PRIOR FILING DATE: 1998-07-01	
42	PRIOR APPLICATION NUMBER: 60/091519	
43	PRIOR FILING DATE: 1998-07-02	
44	PRIOR APPLICATION NUMBER: 60/091626	
45	PRIOR FILING DATE: 1998-07-02	
46	PRIOR APPLICATION NUMBER: 60/091633	
47	PRIOR FILING DATE: 1998-07-02	
48	PRIOR APPLICATION NUMBER: 60/091978	
49	PRIOR FILING DATE: 1998-07-07	
50	PRIOR APPLICATION NUMBER: 60/091982	
51	PRIOR FILING DATE: 1998-07-07	
52	PRIOR APPLICATION NUMBER: 60/092182	
53	PRIOR FILING DATE: 1998-07-09	

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Query Match      100.0%; Score 458; DB 10; Length 90;
Best Local Similarity 100.0%; Pred. No. 2.2e-37;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MKFLAVLVLLGVSLFVLSAQNPTTAADTYTATGPDADPADETTAATTAAPTT 60
          |||||
Db       1 MKFLAVLVLLGVSLFVLSAQNPTTAADTYTATGPDADPADETTAATTAAPTT 60
          |||||

QY      61 ATTAASATTARKDIPVLPKWVGDLPNGRVCP 90
          |||||
Db       61 ATTAASATTARKDIPVLPKWVGDLPNGRVCP 90
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Search completed: July 31, 2003, 11:31:29
Job time : 24 secs